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Economic - Metallurgy

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Price \$3.10

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Order from OTS or SLA \$1.10

61-19633

Abstract trans. of Vestnik Mashinostroeniya (USSR)
1961 [v. 41] no. 1, p. 56-64.

DESCRIPTORS: *Heat treatment, *Steel, USSR,
Plastic flow, *Deformation, Austenite, Rolling mills,
Forging, Extrusion, Aging, Cooling, Mechanical
properties, Processing, Alloys.

In the therm. mechanical method the steel or alloy being
treated is plastically deformed by 25 to 35% after
homogenizing of the γ -solution at 1200°C and subse-
quent cooling to 1100-1000°C. Deformation is immedi-
(Metallurgy, TTT, v. 6, no. 9) (over)

61-19633

- I. Lozinskii, M. G.
- II. AID-61-32
- III. Air Information Div.,
Washington, D. C.
- IV. AD-254 400

Office of Technical Services

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Sci
Aug 58

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Some Relationships in the Deformation¹ of
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Fluctuations, by M. G. Losinskiy, I. S.
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May 59

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Scientific - Minerals/Metals

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Sp 53 CES
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JPRS 9397

Sci - Biol

Jun 61

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Order from OTS or SLA \$1.10

61-18135

Trans. of Zhurnal Obshchei Khimii (USSR) 1937,
v. 7, p. 1119-1132.

DESCRIPTORS: Hydrocarbons, Mixtures, Physical
properties.

(Unannounced)

61-18135

I. Lozovoi, A. V.
II. D'yakova, M. K.
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A. A. Kazimirov, V. P. Lozovskiy, V. V. Meshkov,
3 pp.

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GERMAN, 4 pp, Basler Nachrichten, Vol CXIII,
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US JPRS/DC-L-43

WE - Switzerland
Pol - Communism
Mar 58

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ACS, I, G-6205

Scientific - Geophysics

USSR

Geographic

Economic

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Apr 56 GTS

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UNSATURATED HYDROCARBONS, IV. [1961] 7p.
18 refs.

Order from OTS or SLA \$1.10

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Trans. of Zhurnal Obshchei Khimii (USSR) 1940, v. 10,
p. 1-10.

Another translation is available from ATS \$17.00 as
ATS-58M40R [1960] 12p.

DESCRIPTORS: Hydrogenation, *Hydrocarbons, Mono-
cyclic compounds.

The relative velocities of hydrogenation of benzene,
naphthalene, cyclohexene, 1-methyl-1-cyclohexene,
1-methyl-2-cyclohexene, cyclopentene, α -hexene and
styrene are reported, as well as data on the kinetic
order of hydrogenation of some of them. Benzene is
hydrogenated in the presence of nickel-alumina 150

(Chemistry--Organic, TT, v. 6, no. 7) (over)

61-16860

- I. Lozovoi, A. V.
- II. D'yakova, M. K.
- III. Title: Rates of Hydro-
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30 refs.

Order from OTS or SLA \$2.60

63-10420

Trans. of Zhurnal Obshchei Khimii (USSR) 1931, v. 1,
no. 6, p. 717-728.

DESCRIPTORS: *Acetylenes, *Zinc compounds,
Chlorides, *Polymerization, Heat treatment, Benzene,
Reaction kinetics, Catalysts, Tests, Chemical analysis,
Pyrolysis.

(Chemistry--Physical, TT, v. 10, no. 1)

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DESCRIPTORS: *Hydrocarbons, Decomposition,
*Hydrogenation, *Anthracenes, Catalysts,
*Phenanthrenes.

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61-18224

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III. Title: Anthracene...

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62-18101

Trans. of [Zhurnal] P[rikladnoi] M[ekhaniki i]

T[ekhnicheskoi] F[iziki] (USSR) 1960, no. 1, p. 103-109

DESCRIPTORS: *Metals, *Fracture (Mechanics), Plas-
ticity, Creep, Deformation, *Failure (Mechanics),
Temperature.

(Metallurgy, TT, v. 9, no. 3)

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